

# DECLARATION AND POWER OF ATTORNEY

As the below named inventors, we hereby declare that our residence, post office address and citizenships are as stated below next to our names: that we verily believe we are the original and joint inventors of the subject matter claimed and for which a patent is sought in the application entitled:

## METHOD AND APPARATUS FOR ANALYSIS OF GAS COMPOSITIONS

which application is:

☐ the attached application  
(for original application)

☒ Application No. 09/647,458

filed September 29, 2000, and amended on

September 29, 2000

(for declaration not accompanying application)

that we have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above; that we acknowledge our duty to disclose information of which we are aware which is material to the patentability of this application under 37 C.F.R. § 1.56, that we hereby claim priority benefits under Title 35, United States Code § 119, § 172 or § 365 of any provisional application or foreign application(s) for patent or inventor's certificate listed below and have also identified on said list any foreign application for patent or inventor's certificate on this invention having a filing date before that of any foreign application on which priority is claimed:

Application Number	Country	Filing Date	Priority Claimed
PCT/FI99/00288 980781	PCT Finland	April 6, 1999 April 3, 1998	YES YES

We hereby claim the benefit of Title 35, United States Code § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, We acknowledge our duty to disclose any information material to the patentability of this application under 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Filing Date	Status
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We hereby appoint John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 24,861; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Scott M. Daniels, Reg. No. 32,562; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765; Robert M. Masters, Reg. No. 35,603 and George F. Lehnigk, Reg. No. 36,359, our attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date 24.10.2000 October 24, 2000 First Inventor Markku RÄSÄNEN  
First Name Middle Initial Last Name  
Residence Helsinki FINLAND Signature Markku Räsänen  
City State/Country  
Post Office Address: Mielikintie 10  
FIN-00750 Helsinki, FINLAND  
Citizenship FINNISH

200 Date 24.10.2000 October 24, 2000 Second Inventor Leonid KHRIACHTCHEV  
First Name Middle Initial Last Name  
Residence Helsinki FIN FINLAND Signature UKhrachichev  
City State/Country

Post Office Address: Näyttelijäntie 15 D 132  
FIN-00400 Helsinki, FINLAND

Citizenship RUSSIAN

300 Date 01.11.2000 November 1, 2000 Third Inventor Mika PETTERSON  
First Name Middle Initial Last Name  
Residence Vantaa FIN FINLAND Signature Mika Petter  
City State/Country

Post Office Address: Markkulantie 24 D 15  
FIN-01380 Vantaa, FINLAND

Citizenship FINNISH

Date \_\_\_\_\_ Fourth Inventor \_\_\_\_\_  
First Name Middle Initial Last Name  
Residence \_\_\_\_\_ Signature \_\_\_\_\_  
City State/Country

Post Office Address: \_\_\_\_\_  
\_\_\_\_\_  
Citizenship \_\_\_\_\_

Date \_\_\_\_\_ Fifth Inventor \_\_\_\_\_  
First Name Middle Initial Last Name  
Residence \_\_\_\_\_ Signature \_\_\_\_\_  
City State/Country

Post Office Address: \_\_\_\_\_  
\_\_\_\_\_  
Citizenship \_\_\_\_\_

Date \_\_\_\_\_ Sixth Inventor \_\_\_\_\_  
First Name Middle Initial Last Name  
Residence \_\_\_\_\_ Signature \_\_\_\_\_  
City State/Country

Post Office Address: \_\_\_\_\_  
\_\_\_\_\_  
Citizenship \_\_\_\_\_

Applicant or  
Patentee: Markku RÄSÄNEN, Leonid KHRIACHTCHEV,  
Mika PETTERSON  
Application or  
Patent No. 09/647,458 Attorney's  
Filed or Issued: September 29, 2000 Docket No.: Q-61067  
For: **METHOD AND APPARATUS FOR ANALYSIS OF GAS COMPOSITIONS**

**VERIFIED STATEMENT (DECLARATION) CLAIMING  
SMALL ENTITY STATUS (37 CFR 1.9(f) and 1.27 (c)) –**

**NONPROFIT ORGANIZATION**

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION HELSINKI UNIVERSITY LICENSING LTD. OY  
ADDRESS OF  
ORGANIZATION Viikinkaari 6, FIN-00710, Helsinki, FINLAND

**TYPE OF ORGANIZATION**

- ☒ University or other institution of higher education  
☐ Tax exempt under Internal Revenue Service Code (26 USC 501(a)) and 501(c) (3))  
☐ Nonprofit scientific or educational under statute of state of The United States of America  
(Name of State) \_\_\_\_\_  
(Citation of statute) \_\_\_\_\_  
☐ Would qualify as tax exempt under Internal Revenue Service Code (26 USC 501(a) and 501(c) (30)) if located in  
The United States of America  
☐ Would qualify as nonprofit scientific or educational under statute of state of The United States of America if located in  
The United States of America  
(Name of State) \_\_\_\_\_  
(Citation of statute) \_\_\_\_\_

I hereby declare that the above nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled: **METHOD AND APPARATUS FOR ANALYSIS OF GAS COMPOSITIONS** by inventors Markku RASÄNEN, Leonid KHRIACHTCHEV and Mika PETTERSON

Described in ☐ the specification filed herewith  
☒ application no. 09/647,458 filed September 29, 2000  
☐ patent no. \_\_\_\_\_ issued \_\_\_\_\_

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

FULL NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ INDIVIDUAL

☐ SMALL BUSINESS  
CONCERN

☐ NONPROFIT  
ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING

EIJA PÖYTÄKIVI

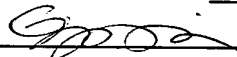
TITLE IN ORGANIZATION

MANAGING DIRECTOR

ADDRESS OF PERSON SIGNING

VIIKINKAARI 6, FIN-00710 Helsinki, FINLAND

Signature



Date

November 28, 2000